

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"US 20050220997"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/10/14 16:01
S1	2465	427/307-309.ccls. or 427/444.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 12:55
S2	1966542	discharg\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 12:56
S3	328	S1 and S2	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 12:56
S4	49131	electrostatic with discharg \$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 12:57
S5	328	S1 and S3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 12:57
S6	12	S1 and S4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 12:57
S9	2	((("6279505") or ("6599569"))).PN.	USPAT; USOCR	OR	OFF	2008/09/08 19:25
S10	1	("4393106").PN.	USPAT; USOCR	OR	OFF	2008/09/08 19:43
S11	35	("3561629"   "3804663"   "3988500"   "4079850"   "4107362"   "4327052").PN. OR ("4393106").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/08 19:48

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S14	8894	264/454-459,446- 448,483.ccls. or 427/532- 536,540,569-579.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/08 20:11
S16	560	(polyvinyl alcohol or PVA) and parison	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/08 20:13
S17	719	(polyvinyl alcohol or PVA) and (parison or plastic vessel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/08 20:13
S18	7	S17 and S14	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/08 20:13
S19	143	S17 and S13	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/08 20:13



S20	79	surface energy and (parison or plastic vessel)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/08 20:38
S21	4	((("4550443") or ("4515836") or ("3255099"))).PN.	USPAT; USOCR	OR	OFF	2008/09/08 20:45
S22	534	S12 and (barrier or permeas6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/08 21:28
S23	40	S12 and (polyvinyl terephthalate or PET) and (polyvinyl alcohol)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/08 21:29
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S26	0	S24 and (polyvinyl terephthalate or PET) and electrostatic discharge	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 09:19

S27	0	S24 and electrostatic discharge	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 09:19
S28	1	S24 and ionized (air or gas)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 09:20
S29	26	("4036168"   "4363840"). PN. OR ("4534995"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/09 09:21
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S33	3	S31 and (polyvinyl terephthalate or PET) and (polyvinyl alcohol) and (corona or flaming or plasma)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 12:14

S34	40	S31 and (polyvinyl terephthalate or PET) and (polyvinyl alcohol)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 12:25
S35	48	S31 and (polyvinyl terephthalate or PET) with (evoh or polyvinyl alcohol)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 12:30
S36	55	S31 and (polyvinyl terephthalate or PET) with (pvoh or evoh or polyvinyl alcohol)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 12:32
S37	14	S31 and (polyvinyl terephthalate or PET) with (pvoh or polyvinyl alcohol)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 12:36
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S39	2	S38 and (ethanol or etoh) with (rins\$5 or clean\$5 or pretreat\$7)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 13:50

S40	8898	264/454-459,446-448,483.ccls. or 427/532-536,540,569-579.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 13:51
S41	67	S40 and (ethanol or etoh) with (rins\$5 or clean\$5 or pretreat\$7)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 13:51
S42	16	S40 and (ethanol or etoh) with (rins\$5 or clean\$5 or pretreat\$7) and (PET or polyethylene terephthalate)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 13:52
S43	16	S40 and (ethanol or etoh) with (rins\$5 or clean\$5 or pretreat\$7) and (PET or polyethylene terephthalate)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 13:52
S44	20	S40 and flaming	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 14:01
S45	11	S40 and flaming and corona	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 14:01
S46	9	S40 and flaming with corona	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 14:01
S47	213	polymer and flaming with corona	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 14:02
S48	0	S40 and flaming with corona	USOCR	ADJ	ON	2008/09/09 14:03
S49	270	264/454-459,446-448,483.ccls. or 427/532-536,540,569-579.ccls.	USOCR	ADJ	ON	2008/09/09 14:03
S50	0	S49 and flaming with corona	USOCR	ADJ	ON	2008/09/09 14:03
S51	213	polymer and flaming with corona	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 14:03

S52	215	polymer and flaming with corona	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 14:04
S53	123	(PET or polyethylene terephthalate) and flaming with corona	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 14:04
S54	1	("6613394").PN.	USPAT; USOCR	OR	OFF	2008/09/09 14:27
S55	0	dehumidified air with dry with g/m3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 17:26
S56	252	dehumidified air with dry	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 17:26
S57	149	dehumidified air with dry and @py<"2002"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 17:26
S58	36091	(PVA or polyvinyl alcohol or PVOH) with (moist\$4 or humid\$5 or water) and @py<"2002"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 17:31
S59	36091	((PVA or polyvinyl alcohol or PVOH) with (moist\$4 or humid\$5 or water)) and @py<"2002"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 17:31
S60	1214	((PVA or polyvinyl alcohol or PVOH) with (moist\$4 or humid\$5 or water) with (sensitiv\$5 or degrad\$7)) and @py<"2002"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 17:32
S61	968	((polyvinyl alcohol or PVOH) with (moist\$4 or humid\$5 or water) with (sensitiv\$5 or degrad\$7)) and @py<"2002"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 17:32

S62	910	((polyvinyl alcohol) with (moist\$4 or humid\$5 or water) with (sensitiv\$5 or degrad\$7)) and @py< "2002"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 17:33
S63	33	((polyvinyl alcohol) with (moist\$4 or humid\$5 or water) with (sensitiv\$5 or degrad\$7)) with barrier and @py< "2002"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 17:33
S64	0	surface energy with iron with "2500" mN/m	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 19:29
S65	92	surface energy with iron	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 19:29
S66	0	surface energy with metal with mN/m with iron	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 19:32
S67	1	metal with mN/m with iron	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 19:32
S68	185	metal with mN/m	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 19:42
S69	0	super with hydrophilicity with mN/m	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 19:54
S70	0	super with hydrophilicity and mN/m	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 19:54
S71	33	super with hydrophilic\$5 and mN/m	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 19:54



S72	53	hydrophilic\$5 and mN/m with (metal or iron)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 19:56
S73	0	superhydrophilic with mN/m	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 20:02
S74	1	superhydrophilic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 20:03
S75	185	superhydrophilic	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 20:03
S76	6	superhydrophilic and mN/m	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/09 20:03
S77	1	("6162513").PN.	USPAT; USOCR	OR	OFF	2008/09/09 20:11
S78	1	("4393106").PN.	USPAT; USOCR	OR	OFF	2009/10/13 17:35
S79	1	("4534995").PN.	USPAT; USOCR	OR	OFF	2009/10/13 17:48
S80	2	"US 20060040053"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/10/13 18:14
S81	2	"US 20050220997"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/10/13 18:15
S82	1	("4603083").PN.	USPAT; USOCR	OR	OFF	2009/10/13 18:27
S83	0	PVA DMSO PET	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 18:28
S84	0	PVA with DMSO with PET	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 18:28

S85	590	PVA and DMSO and PET	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 18:28
S86	1	PVA and DMSO with PET	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 18:28
S87	1173	(polyvinyl or PVA) and DMSO and (teraphalate or PET) and swell\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 18:30
S88	0	(polyvinyl or PVA) with (sulfoxide or DMSO) with (teraphalate or PET) with swell\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 18:30
S89	11	(polyvinyl or PVA) with (sulfoxide or DMSO) with (teraphalate or PET)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 18:31
S90	26	(polyvinyl or PVA) same (sulfoxide or DMSO) same (teraphalate or PET)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 18:31
S91	3	(sulfoxide or DMSO) same (teraphalate or PET) same swell\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/13 18:32
S92	64	dip coating with drip\$3	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/10/14 10:27
S93	113	dip\$3 and drip\$3 with excess\$3 with dry\$3	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/10/14 10:28
S95	12	dip\$3 and drip\$3 with excess\$3 with dry\$3 and bottle	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/10/14 10:29

10/14/2009 4:26:21 PM

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